

Docket No.: 11887-00005-US  
(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Patent Application of:  
Pascual Perez et al.

Application No.: 10/506,946

Confirmation No.: N/A

Filed: September 8, 2004

Art Unit: Not Yet Assigned

For: NOVEL METHOD FOR THE PRODUCTION  
OF HYBRID MAIZE SEEDS

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

A copy of each reference on the PTO/SB/08 is attached.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

Application No.: 10/506,946

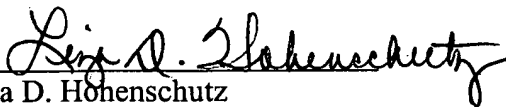
Docket No.: 11887-00005-US

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 03-2775, under Order No. 11887-00005-US. A duplicate copy of this paper is enclosed.

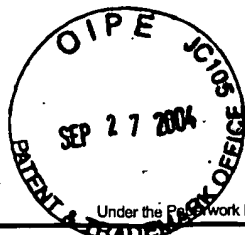
Dated: September 24, 2004

Respectfully submitted,

By   
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Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	10/506,946	
			Filing Date	September 8, 2004	
			First Named Inventor	Pascual Perez	
			Art Unit	Not Yet Assigned	
			Examiner Name	Not Yet Assigned	
Sheet	1	of	2	Attorney Docket Number	11887-00005-US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	WO-95/34634	12-21-1995	Plant Genetic Systems NV		
	BB	WO-99/04023	01-28-1999	Pioneer Hi-Bred International, Inc.		
	BC	WO-95/34660	12-21-1995	Advanced Technologies (Cambridge) Limited		
	BD	WO-92/11379	07-09-1992	Nickerson International Seed Compnay Limited		

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NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
	CA	M. R. Bhawe et al, "Identification and Molecular Characterization of Shrunken-2 cDNA Clones of Maize", The Plant Cell, American Society of Plant Physiologists, Vol. 2, pages 581-588, June 1990		
	CB	Y. Ishida et al, "High Efficiency Transformation of Maize (Zea mays L.) mediated by Agrobacterium Tumefaciens", Nature Biotechnology, Vol. 14, pages 745-750, June 1996		
	CC	L. Herrera-Estrella et al, "Chimeric Genes as Dominant Selectable Markers in Plant Cells", The EMBO Journal, Vol. 2, No. 6, pages 987-995, 1983		
	CD	R. W. Hartley, "Expression of Its Cloned Inhibitor Permits Expression of a Cloned Ribonuclease", J. Mol. Biol., pages 913-915, 1988		
	CE	M. E. Fromm et al, "Stable Transformation of Maize After Gene Transfer by Electroporation", Nature, Vol. 319, pages 791-793, February 1986		
	CF	A. Franck et al, "Nucleotide Sequence of Cauliflower Mosaic Virus DNA", Cell, Vol. 21, pages 285-294, August 1980		
	CG	G. An, "Development of Plant Promoter Expression Vectors and Their Use for Analysis of Differential Activity of Nopaline Synthase Promoter in Transformed Tobacco Cells", Plant Physiol, Vol. 81, pages 86-91, 1986		
	CH	O. D. Anderson et al; "Nucleotide sequences of the two high-molecular-weight glutenin genes from the D-genome of a hexaploid bread wheat, Triticum aestivum L. cv Cheyenne", Nucleic Acids Research, Vol. 17, No. 1, pages 461-462, 1989		
	CI	P. S. Chourey et al, "The Enzymatic Deficiency Conditioned by the shrunken-1 Mutations in Maize", Biochemical Genetics, Vol. 14, Nos. 11/12, pages 1041-1055, 1976		

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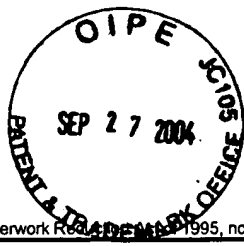
CJ	J. Cao et al, "Regeneration of herbicide resistant transgenic rice plants following microprojectile-mediated transformation of suspension culture cells", Plant Cell Reports, Vol. 11, pages 586-591, 1992
CK	M. Bevan et al, "Structure and transcription of the nopaline synthase gene region of T-DNA", Nucleic Acids Research, Vol. 11, No. 2, pages 369-385, 1983
CL	L. A. Lyznik et al, "FLP-mediated recombination of FRT sites in the maize genome", Nucleic Acids Research, Vol. 24, No. 19, pages 3784-3789, 1996
CM	J. White et al et al, "A cassette containing the bar gene of Streptomyces hygroscopicus: a selectable marker for plant transformation", Nucleic Acids Research, Vol. 18, No. 4, page 1062, 1989
CN	C. S. Robert et al, "Tissue-Specific Expression of a Wheat High Molecular Weight Glutenin Gene in Transgenic Tobacco", The Plant Cell, Vol. 1, pages 569-578, June 1989
CO	W. Cheng et al, "The Miniature1 Seed Locus of Maize Encodes a Cell Wall Invertase Required for Normal Development of Endosperm and Maternal Cells in the Pedicel", The Plant Cell, Vol. 8, pages 971-983, June 1996
CP	J. J. Finer et al, "Development of the particle inflow gun for DNA delivery to plant cells", Plant Cell Reports, Vol. 11, pages 323-328, 1992
CQ	N. Di Fonzo et al, "The b-32 protein from maize endosperm, an albumin regulated by the O2 locus: Nucleic acid (cDNA) and amino acid sequences", Mol Gen Genet, Vol. 212, pages 481-487, 1988
CR	A. Depicker et al, "Nopaline Synthase: Transcript Mapping and DNA Sequence", Journal of Molecular and Applied Genetics, pages 561-573, 1982
CS	E. M. Southern, "Detection of Specific Sequences Among DNA Fragments Separated by Gel Electrophoresis", J. Mol. Biol., Vol. 98, pages 503-517, 1975
CT	J. I. Yoder et al, "Transformation Systems for Generating Marker-Free Transgenic Plants", Bio/Technology, Vol. 12, pages 263-267, March 1994
CU	W. Paul et al, "The isolation and characterisation of the tapetum-specific Arabidopsis thaliana A9 gene", Plant Molecular Biology, Vol. 19, pages 611-622, 1992
CV	J. Messing, "New M13 Vectors for Cloning", Methods in Enzymology, pages 20-78, 1983
CW	D. McElroy et al, "Construction of expression vectors based on the rice actin 1 (Act1) 5' region for use in monocot transformation", Mol Gen Genet, Vol. 231, pages 150-160, 1991
CX	F. A. Krens et al, "In vitro transformation of plant protoplasts with Ti-plasmid DNA", Nature, Vol. 296, pages 72-74, March 4, 1982
CY	T. Komari et al, "Vectors carrying two separate T-DNAs for co-transformation of higher plants mediated by Agrobacterium tumefaciens and segregation of transformants free from selection markers", The Plant Journal, Vol. 10(1), pages 165-174, 1996
CZ	T. M. Klein et al, "High-velocity microprojectiles for delivering nucleic acids into living cells", Nature, Vol. 327, pages 70-73, May 7, 1987
CAA	L. Jouanin et al, "Transfer of a 4.3kb Fragment of the TL-DNA of Agrobacterium Rhizogenes Strain A4 Confers the pRi Transformed Phenotype to Regenerated Tobacco Plants", Plant Science, Vol. 53, pages 53-63, 1987

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Application No. (if known): 10/506946

Attorney Docket No.: 11887-00005-US

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